**Ordering Information**

Catalog No.	Finish	Track Mountings	Lamps
<b>FX16SC</b>	Silver	For use on all Tangent Track systems. For ceiling or suspended track installation. Not for use on wall mounted track.	12V MR16 Halogen 50W Max or 37W Max IR

**Features**

1. **Transformer:** Class two electronic transformer for 12V halogen lamps.
2. **Track Attachment fitting:** Molded thermoplastic clamping adapter with captive, nickel-plated steel pin. Clockwise rotation of pin secures fixture adapter to track.
3. **Dual Cable Suspension:** 1/32" diameter stranded stainless steel cable with grip-locks™ for height adjustability; field cuttable max 6' suspension.
4. **Power Cord:** 1/8" dia. cord with nickel plated braided metal sleevng; field cuttable; 6' max.
5. **Splicing Chamber:** Allows for field cutting of power cord.
6. **Horizontal Pivot:** Infinite horizontal rotation.
7. **Vertical Pivot:** 0° to 90° vertical adjustment.
8. **Socket:** Bi-pin ceramic low voltage halogen socket with multipoint contact.
9. **Housing:** Die cast aluminum.
10. **Accessory Cartridge:** Hinged and captive; Retaining ring included to secure accessories.
11. **Glass Shield:** Included for use with unshielded lamps.

**Dimming**

Use only dimmers specifically designed for use with electronic transformers. Low Voltage fixtures may produce audible sound when dimmed.

**Finish**

All Painted finishes are baked enamel.

**Accessories**

**Accessory Holder:** Integral

**Accessories:** Accepts two total (1 lens plus either 1 louver or 1 snoot).

**Lens:** AF2 or ADF2 Series

**Louver:** AL2HC

**Snoot:** 22SR6AL

**Labels**

cULus Listed

**Job Information****Type:**

**Job Name:**

**Cat. No.:**

**Lamp(s):**

**Notes:**

**LIGHTOLIER**

**Lightolier** a Genlyte company

[www.lightolier.com](http://www.lightolier.com)

631 Airport Road, Fall River, MA 02720 • (508) 679-8131 • Fax (508) 674-4710

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# Tangent™ Track Lighting System **FX16SC**

Page 2 of 2

Suspended Mini Cylinder

## AIMING ANGLE:

**L** Beam length

**W** Beam Width

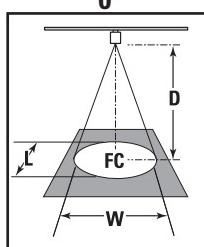
**C** Distance to center beam

**D** Distance  
**A** Aiming Angle  
**FC** Footcandles

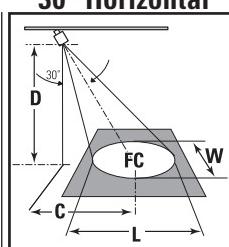
**L** and **W** are the outer points where the candle power drops to 50% of the maximum. **FC** are the initial footcandles at the center of the beam.

Lamp data shown is typical. Consult lamp manufacturers for availability and performance. CBCP= Center Beam Candle Power.

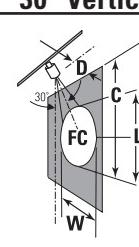
0°



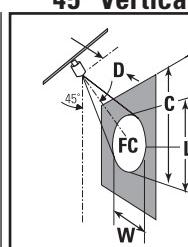
30° Horizontal



30° Vertical



45° Vertical



## LAMP

Beam Spread (To 50% CBCP) CBCP Rated Life (Hrs.)

		D	FC	L	W
20W MR16 VNSP (EZX)	7°	6'	206	0.7'	0.7'
		8'	116	1.0'	1.0'
		10'	74	1.2'	1.2'
		12'	51	1.5'	1.5'
20W MR16 NSP (ESX)	15°	6'	104	1.6'	1.6'
		8'	59	2.1'	2.1'
		10'	38	2.6'	2.6'
		12'	26	3.2'	3.2'
20W MR16 FL (BAB)	40°	2'	131	1.5'	1.5'
		3'	58	2.2'	2.2'
		4'	33	2.9'	2.9'
		5'	21	3.6'	3.6'
35W MR16 SP (FRA)	20°	6'	108	2.1'	2.1'
		8'	61	2.8'	2.8'
		10'	39	3.5'	3.5'
		12'	27	4.2'	4.2'
35W MR16 FL (FMW)	40°	5'	40	3.6'	3.6'
		6'	28	4.4'	4.4'
		7'	20	5.1'	5.1'
		8'	16	5.8'	5.8'
37W MR16 (IR) NFL	25°	6'	122	2.7'	2.7'
		8'	69	3.5'	3.5'
		10'	44	4.4'	4.4'
		12'	31	5.3'	5.3'
37W MR16 (IR) FL	40°	5'	88	3.6'	3.6'
		6'	61	4.4'	4.4'
		8'	34	5.8'	5.8'
		10'	22	7.3'	7.3'
42W MR16 VNSP (EZY)	9°	10'	123	1.6'	1.6'
		12'	85	1.9'	1.9'
		14'	63	2.2'	2.2'
		16'	48	2.5'	2.5'
50W MR16 NSP (EXT)	10°	8'	138	1.4'	1.4'
		10'	88	1.7'	1.7'
		12'	61	2.1'	2.1'
		14'	45	2.4'	2.4'
50W MR16 NFL (EXZ)	24°	6'	69	2.6'	2.6'
		8'	39	3.4'	3.4'
		10'	25	4.3'	4.3'
		12'	17	5.1'	5.1'
50W MR16 FL (EXN)	36°	6'	44	3.9'	3.9'
		8'	25	5.2'	5.2'
		10'	16	6.5'	6.5'
		12'	11	7.8'	7.8'
50W MR16 WFL (FNV)	60°	3'	128	3.1'	3.1'
		5'	46	5.2'	5.2'
		7'	23	7.3'	7.3'
		9'	14	9.4'	9.4'

D C FC L W

D C FC L W

D C FC L W

## MR16 LOW VOLTAGE HALOGEN BI-PIN LAMPS WITH ALUMINIZED (NON-DICHOPOIC) REFLECTORS

50W MR16 NSP	10°	8'	164	1.5'	1.5'
		12'	73	2.3'	2.3'
		16'	41	3.1'	3.1'
		20'	26	3.9'	3.9'
50W MR16 NFL	25°	6'	83	2.7'	2.7'
		8'	47	3.5'	3.5'
		10'	30	4.4'	4.4'
		12'	21	5.3'	5.3'
50W MR16 FL	35°	4'	119	2.9'	2.9'
		6'	53	4.4'	4.4'
		8'	30	5.8'	5.8'
		10'	19	7.3'	7.3'

D C FC L W

D C FC L W

D C FC L W

**LIGHTOLIER**

## Job Information

Type:

**Lightolier** a Genlyte company

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